RAW SEQUENCE LISTING

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Application Serial Number: _____ 10/526, 543 _____

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RAW SEQUENCE LISTING              DATE: 01/04/2006
PATENT APPLICATION:  US/10/526,543   TIME: 10:23:54

        Input Set : A:\4-20-05 - Sequence Listing.txt
        Output Set: N:\CRF4\01042006\J526543.raw


 3 <110> APPLICANT: IMAKAWA, Kazuhiko
 4        NAGAOKA, Kentaro
 5        WATANABE,Fumiko
 7 <120> TITLE OF INVENTION: Regulator for Implantation
 9 <130> FILE REFERENCE: 2005-0329A/WMC/01332
11 <140> CURRENT APPLICATION NUMBER: 10/526,543
12 <141> CURRENT FILING DATE: 2005-03-03
14 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/011268
15 <151> PRIOR FILING DATE: 2003-09-03
17 <150> PRIOR APPLICATION NUMBER: JP 2002-259268
18 <151> PRIOR FILING DATE: 2002-09-04
20 <160> NUMBER OF SEQ ID NOS: 26
22 <170> SOFTWARE: PatentIn Ver. 2.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 1171
26 <212> TYPE: DNA
27 <213> ORGANISM: Ovis aries
29 <220> FEATURE:
30 <221> NAME/KEY: CDS
31 <222> LOCATION: (60)..(368)
33 <400> SEQUENCE: 1
34 cactcctcaa ctcttcaggc agtctgagct actgcagaag taccttcagt tgcagcacc   59
36 atg aac aaa agt ggt ttt ctt att ttc tgc ctt atc ctt ctg act ctg  107
37 Met Asn Lys Ser Gly Phe Leu Ile Phe Cys Leu Ile Leu Leu Thr Leu
38  1               5                   10                  15
40 agt caa ggc ata cct ctc tct agg aac aca cgc tgc acc tgc atc gag  155
41 Ser Gln Gly Ile Pro Leu Ser Arg Asn Thr Arg Cys Thr Cys Ile Glu
42              20                  25                  30
44 atc agt aat gga tct gtt aat cca agg tcc tta gaa aaa ctt gaa ctg  203
45 Ile Ser Asn Gly Ser Val Asn Pro Arg Ser Leu Glu Lys Leu Glu Leu
46          35                  40                  45
48 att cct gca agt caa tcc tgc cca cgt gtc gag att att gcc aca atg  251
49 Ile Pro Ala Ser Gln Ser Cys Pro Arg Val Glu Ile Ile Ala Thr Met
50      50                  55                  60
52 aaa agg aat ggg gag aaa aga tgt ctg aat cca gaa tct aag acc atc  299
53 Lys Arg Asn Gly Glu Lys Arg Cys Leu Asn Pro Glu Ser Lys Thr Ile
54  65                  70                  75                  80
56 aag aat tta ctg aaa gca att aac aag caa agg act aaa aga tct cct  347
57 Lys Asn Leu Leu Lys Ala Ile Asn Lys Gln Arg Thr Lys Arg Ser Pro
58                  85                  90                  95
60 cga aca cag aaa gag gca taa tcactgcact actgataaga tggaccagag   398
61 Arg Thr Gln Lys Glu Ala
62              100
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 64 agaagctacc tctacaattg tttccctgtg tacagtatat gtcaagccct aattgttcgt 458
 66 ggacttcagt tctcctaaaa ggtgaccaag ccagtcacca aatcagctgc tactactcct 518
 68 gcaggggag ggtggctcat caccctgagc tgttcagtag tgactctgcc ctggcactgt 578
 70 gactgtaagc tataccgggg cgctacgttc tcagttaatg tgctaagtcc cagccttgct 638
 72 actgacagct tcttcccctt tccaatcttt ctaggttatt aagggatctt tccagctctg 698
 74 ggcttattag agaccttagg atctcaaata actaagagac attcaaacca ataatgcaat 758
 76 ctgcttttta aagaaagatc tttactccag gggcttcact gccatccctc caaggggccc 818
 78 gtattctttc aggtgttatg tacatagttc caaatataca gaagcagcca gaaatatctg 878
 80 gaaatgtagg tctaaacagt attacttagt caaaaactat acaaagtaga attcttgaag 938
 82 atatatgttt cttatatgat tttcagtgtt catggaataa cttgtataca actatcaact 998
 84 tatgtaatta ttgcaatgga ataaatttt aaatttagat acatgttctg caggctatgt 1058
 86 aagacaaata tgctaaatgc tttccaaaat aaaagtaatg ttctctccca gaaatactaa 1118
 88 gaaagattat gtaattgttt tagaggccaa aaacataata aataattata act           1171
 91 <210> SEQ ID NO: 2
 92 <211> LENGTH: 102
 93 <212> TYPE: PRT
 94 <213> ORGANISM: Ovis aries
 96 <400> SEQUENCE: 2
 97 Met Asn Lys Ser Gly Phe Leu Ile Phe Cys Leu Ile Leu Leu Thr Leu
 98   1               5                   10                  15
100 Ser Gln Gly Ile Pro Leu Ser Arg Asn Thr Arg Cys Thr Cys Ile Glu
101                 20                  25                  30
103 Ile Ser Asn Gly Ser Val Asn Pro Arg Ser Leu Glu Lys Leu Glu Leu
104             35                  40                  45
106 Ile Pro Ala Ser Gln Ser Cys Pro Arg Val Glu Ile Ile Ala Thr Met
107         50                  55                  60
109 Lys Arg Asn Gly Glu Lys Arg Cys Leu Asn Pro Glu Ser Lys Thr Ile
110  65                  70                  75                  80
112 Lys Asn Leu Leu Lys Ala Ile Asn Lys Gln Arg Thr Lys Arg Ser Pro
113                 85                  90                  95
115 Arg Thr Gln Lys Glu Ala
116             100
119 <210> SEQ ID NO: 3
120 <211> LENGTH: 20
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
126        to act as a primer for PCR
128 <400> SEQUENCE: 3
129 cactcctcaa ctcttcaggc                                              20
132 <210> SEQ ID NO: 4
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
139        to act as a primer for PCR
141 <400> SEQUENCE: 4
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RAW SEQUENCE LISTING   DATE: 01/04/2006
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Input Set : **A:\4-20-05 - Sequence Listing.txt**
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    142 ccattccttt tcattgtggc                                20
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    147 <212> TYPE: DNA
    148 <213> ORGANISM: Artificial Sequence
    150 <220> FEATURE:
    151 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    152       to act as a primer for PCR
    154 <400> SEQUENCE: 5
    155 gcatcagctt cgatcggtac                                20
    158 <210> SEQ ID NO: 6
    159 <211> LENGTH: 20
    160 <212> TYPE: DNA
    161 <213> ORGANISM: Artificial Sequence
    163 <220> FEATURE:
    164 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    165       to act as a primer for PCR
    167 <400> SEQUENCE: 6
    168 gatgcgggcg tagcaatagg                                20
    171 <210> SEQ ID NO: 7
    172 <211> LENGTH: 20
    173 <212> TYPE: DNA
    174 <213> ORGANISM: Artificial Sequence
    176 <220> FEATURE:
    177 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    178       to act as a primer for PCR
    180 <400> SEQUENCE: 7
    181 catcttcccc atggccttcg                                20
    184 <210> SEQ ID NO: 8
    185 <211> LENGTH: 20
    186 <212> TYPE: DNA
    187 <213> ORGANISM: Artificial Sequence
    189 <220> FEATURE:
    190 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    191       to act as a primer for PCR
    193 <400> SEQUENCE: 8
    194 tcatctcaaa gtgagttcag                                20
    197 <210> SEQ ID NO: 9
    198 <211> LENGTH: 20
    199 <212> TYPE: DNA
    200 <213> ORGANISM: Artificial Sequence
    202 <220> FEATURE:
    203 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    204       to act as a primer for PCR
    206 <400> SEQUENCE: 9
    207 cgatgaaata cacaagctcc                                20
    210 <210> SEQ ID NO: 10
    211 <211> LENGTH: 20
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212 <212> TYPE: DNA

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    213 <213> ORGANISM: Artificial Sequence
    215 <220> FEATURE:
    216 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
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    219 <400> SEQUENCE: 10
    220 gattacattg atgctctccg                                     20
    223 <210> SEQ ID NO: 11
    224 <211> LENGTH: 20
    225 <212> TYPE: DNA
    226 <213> ORGANISM: Artificial Sequence
    228 <220> FEATURE:
    229 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    230        to act as a primer for PCR
    232 <400> SEQUENCE: 11
    233 atggggaagg tgaaggtcgg                                     20
    236 <210> SEQ ID NO: 12
    237 <211> LENGTH: 20
    238 <212> TYPE: DNA
    239 <213> ORGANISM: Artificial Sequence
    241 <220> FEATURE:
    242 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    243        to act as a primer for PCR
    245 <400> SEQUENCE: 12
    246 atgtgggcca tgaggtccac                                     20
    249 <210> SEQ ID NO: 13
    250 <211> LENGTH: 20
    251 <212> TYPE: DNA
    252 <213> ORGANISM: Artificial Sequence
    254 <220> FEATURE:
    255 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    256        to act as a primer for PCR
    258 <400> SEQUENCE: 13
    259 atggggaagg tgaaggtcgg                                     20
    262 <210> SEQ ID NO: 14
    263 <211> LENGTH: 20
    264 <212> TYPE: DNA
    265 <213> ORGANISM: Artificial Sequence
    267 <220> FEATURE:
    268 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    269        to act as a primer for PCR
    271 <400> SEQUENCE: 14
    272 atgtgggcca tgaggtccac                                     20
    275 <210> SEQ ID NO: 15
    276 <211> LENGTH: 20
    277 <212> TYPE: DNA
    278 <213> ORGANISM: Artificial Sequence
    280 <220> FEATURE:
    281 <223> OTHER INFORMATION: Description of Artificial
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Sequence:Oligonucleotide
    282   to act as a primer for PCR

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    288 <210> SEQ ID NO: 16
    289 <211> LENGTH: 20
    290 <212> TYPE: DNA
    291 <213> ORGANISM: Artificial Sequence
    293 <220> FEATURE:
    294 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    295        to act as a primer for PCR
    297 <400> SEQUENCE: 16
    298 gaggatctcc acgtagcaga                                          20
    301 <210> SEQ ID NO: 17
    302 <211> LENGTH: 20
    303 <212> TYPE: DNA
    304 <213> ORGANISM: Artificial Sequence
    306 <220> FEATURE:
    307 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    308        to act as a primer for PCR
    310 <400> SEQUENCE: 17
    311 tgctgtgaac cagagtcgtc                                          20
    314 <210> SEQ ID NO: 18
    315 <211> LENGTH: 20
    316 <212> TYPE: DNA
    317 <213> ORGANISM: Artificial Sequence
    319 <220> FEATURE:
    320 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    321        to act as a primer for PCR
    323 <400> SEQUENCE: 18
    324 atccactgca cagctgtggc                                          20
    327 <210> SEQ ID NO: 19
    328 <211> LENGTH: 20
    329 <212> TYPE: DNA
    330 <213> ORGANISM: Artificial Sequence
    332 <220> FEATURE:
    333 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    334        to act as a primer for PCR
    336 <400> SEQUENCE: 19
    337 gaagcaggaa agagagcctg                                          20
    340 <210> SEQ ID NO: 20
    341 <211> LENGTH: 20
    342 <212> TYPE: DNA
    343 <213> ORGANISM: Artificial Sequence
    345 <220> FEATURE:
    346 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
    347        to act as a primer for PCR
    349 <400> SEQUENCE: 20
    350 ctatatccgt ggctcctttc                                          20
    353 <210> SEQ ID NO: 21
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354 <211> LENGTH: 20

VERIFICATION SUMMARY   DATE: 01/04/2006
PATENT APPLICATION: US/10/526,543   TIME: 10:23:55

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